

and if none are present, the draw reel stops state sub-routine at step 272 is re-assigned to a spin state sub-routine 170 for continued evaluation of conditions provided therein. If tilt conditions exist in such manner to cause the memento dispensing device to become inoperative, the draw reel stops state sub-routine at step 274 is re-assigned to the tilt state sub-routine 168 for evaluation of conditions set forth therein, particularly to determine the cause of internal errors attributing to the memento dispensing device's unavailability to operate.

[0060] In FIG. 11, the conditional state routine 156 further comprises a decisional prompt at step 276 to determine and evaluate the spin state sub-routine 170 upon completing or satisfying the conditions set forth in the draw reel stops state sub-routine 166 at step 264. In FIG. 15, the spin state sub-routine is initially evaluated by a command at step 278 to set the operating parameters for each of the reel wheels 18, namely the setting of direction of rotation for each of the reel wheels and voltages therefor from a predetermined low state for an inoperative condition of the memento dispensing device 10 to a predetermined high state for a reel wheel spin condition. At step 280, the spin state sub-routine is further evaluated by a command to spin each of the reel wheels in a predetermined direction as prescribed in the previous command at step 278 and activate sound generation via operation of digitally enhanced sound means 106, activate video playback means 68 for display of stored video footage on the video monitor 74 and activate external lamps 150 such as the illuminated candle. The spin state sub-routine 170 further comprises a decisional prompt at step 282 to determine whether the spin was successful without the presence of internal errors, and if so, the spin state sub-routine is re-assigned at step 284 to an evaluate state sub-routine 172 commencing at step 286 in the conditional state routine 156 depicted in FIG. 11, specifically to set the numeric count for evaluation by a pay state sub-routine 174. If the reel wheel spin was not successful, the spin state sub-routine 170 is further evaluated by a command at step 288 to re-assign the spin state sub-routine to the tilt state sub-routine 168 for evaluation of conditions set forth therein to assess and determine the cause of internal errors attributing to the memento dispensing device's unavailability to operate. At step 290, following step 284, the spin state sub-routine is further evaluated by a decisional prompt to determine the presence of any other tilt conditions, and if present, the spin state sub-routine is further evaluated by a command to correct this condition in such manner prescribed for in step 288, otherwise the spin state sub-routine 170 continues to the conditional state routine 156 in FIG. 11 for further evaluation of conditions provided therein.

[0061] In FIG. 11, the conditional state routine proceeds in evaluating the evaluate state sub-routine at step 286 upon completing or satisfying the previous conditions set forth in the spin state sub-routine at step 276. In FIG. 16, the evaluate state sub-routine 172 is initially evaluated by a command at step 292 to set a win value to a numeric value of one and re-assign the evaluate state sub-routine to the pay state sub-routine 174 for further evaluation of conditions set forth therein. A decision prompt at step 294 is provided in the evaluate state sub-routine 172 to determine the presence of any tilt conditions, and if so, at step 296, the evaluate state sub-routine is re-assigned to the tilt state sub-routine 168 for evaluation of conditions provided therein, otherwise the

evaluate state sub-routine continues to the conditional state routine in FIG. 11 for further evaluation of conditions provided therein.

[0062] In FIG. 11, the conditional state routine 156 further comprises a decisional prompt at step 298 to determine and evaluate the pay state sub-routine 174 upon completing or satisfying the conditions set forth in the evaluate state sub-routine at step 286. In FIG. 17, the pay state sub-routine is initially evaluated by a decisional prompt at step 300 to determine whether the state of win is greater than the numeric value of zero, and if so, at step 302 the main microcontroller 118 communicates with the hopper 56 via the hopper controller 58 to dispense one memento from the hopper into the reservoir 60 via the chute 54. In alternative embodiments of the present invention, the pay state sub-routine 174 comprises a supplementary command at step 304 to activate digitally enhanced sound means 106 for audio playback and/or video playback means 68 to display on an associated monitor pre-selected video footage in the nature of advertisements and the like for a predetermined amount of time and/or activate external lamps 150 to signify to others the dispensing of a memento. After dispensing one memento from the hopper as provided for in step 302, the pay state sub-routine 174 is further evaluated by a decisional prompt at step 306 to determine the presence of internal errors, such as in the instance where the memento is jammed in the memento bin or hopper assembly or a hopper trip sensor integrally made part of the hopper assembly and operating at a timed interval fails to make a proper memento count within an allotted timeframe. If in the event of internal errors at step 306, the hopper is deactivated and the pay state sub-routine is further evaluated by a command at step 308 to re-assign the pay state sub-routine to the tilt state sub-routine 168 for evaluation of conditions provided therein. If errors in step 306 are not present or the numeric value of the win is not greater than zero as provided for at step 300, the pay state sub-routine proceeds to the decisional prompt at step 310 to determine whether the win is equal to zero, and if so, the hopper assembly is deactivated and the pay state sub-routine is re-assigned to the game over state sub-routine 158 at step 312. If the win is not zero at step 310, then the pay state sub-routine is re-evaluated at step 298 in the conditional state routine 156.

[0063] In FIG. 11, the conditional state routine provides for at step 262 the activation and evaluation of conditions in the tilt state sub-routine 168, particularly as it is prompted in other conditional state sub-routines, such as at step 308 in FIG. 17 and so forth. In FIG. 18, once prompted in this regard, the tilt state sub-routine is initially evaluated by a command at step 314 to deactivate appropriate input and output devices, such as the spin and bet max switches 30, 32, spin lever 24, currency acceptor 44, and so forth, with exception of the LED which suffices to display internal error codes to the attendant and the reset momentary switch 160 which suffices as means for clearing internal error code data and the like accumulated in RAM. At step 316, the tilt state sub-routine 168 is further evaluated by a decisional prompt to determine whether the position of the access door 62 is attributed to the tilt condition in such manner that the memento dispensing device 10 becomes unavailable for operation. If the access door is determined to be in an open state, at step 318, the lower lighted portion of the candle is activated for a rapid flash rate to signify this condition to the operator and attendant necessitating correction. If the tilt